

ABSTRACT OF THE DISCLOSURE

A system and method for electrically coupling windings of a main generator rotor to a plurality of DC sources on an exciter that each have respective first-voltage and second-voltage terminals is disclosed. The system includes first and second conductive plates supported by the rotor that respectively define first and second apertures that surround a rotor shaft. The first plate includes a first rotor winding terminal by which the plate is electrically coupled to the windings, and a first plurality of terminals configured to be respectively coupled to the first-voltage terminals of the DC sources. The second plate is electrically insulated from the first plate, includes a second rotor winding terminal by which the second plate is electrically coupled to the windings, and includes a second plurality of terminals configured to be respectively coupled to the second-voltage terminals of the DC sources.

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